Patent Application Attorney Docket No. PC9980A

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Hon. Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this 15th day of September, 2004.

By (Signature of person mailing)
Sarah J. Delaney

(Typed or printed name of person)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: M. Uchiyama, et al.

APPLICATION NO.: 09/876,767 : Examiner: Shubo Zhou

FILING DATE: June 7, 2001 : Group Art Unit: 1631

TITLE: Method and System for Predicting

Pharmacokinetic Properties

Hon. Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Madam or Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97 ET SEQ.

Applicants herein make available to the U.S. Patent and Trademark Office a copy of PTO-FB-A820, which lists the references cited by the applicants, copies of which are enclosed.

The Examiner is requested to consider carefully the complete text of these references in connection with the examination of the above -identified application in accord with 37 C.F.R. § 1.104(a). It is believed the Examiner will concur with applicant's belief that the subject matter presently claimed is neither anticipated nor rendered obvious by the foregoing references.

It is requested that the references listed on the attached form PTO-FB-A820 be included in the "References Cited" portion of any patent issuing from this application (M.P.E.P. § 1302.12).

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A fee of \$180.00 is believed to be due, and the Commissioner is hereby authorized to charge this fee to Deposit Account No. 16-1445. Should any additional fee be deemed required, the Commissioner is hereby authorized to charge any fees in connection with this paper to Deposit Account No. 16-1445.

A prompt and favorable response is earnestly solicited.

Data:

3/15/2004

Respectfully submitted,

Kathleen A. Ranney Attorney for Applicants

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INFO MATION DISCLOSURE CITATION SERIAL NO. 09/876,767 ATTY. DOCKET NO. PC9980A (Use several sheets if necessary) **APPLICANT** M. Uchiyama, et al. **GROUP** 1631 FILING DATE June 7, 2001 U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE **EXAMINER** DOCUMENT NUMBER NAME CLASS SUBCLASS INITIAL **FOREIGN PATENT DOCUMENTS** DOCUMENT NUMBER **SUBCLASS** DATE COUNTRY CLASS TRANSLATION YES NO WO 9 8 0 7 0 7 19.02.98 International G06F 17/50 1 WO 2 0 6 04.05.00 International G01N OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Lien, E. J. et al., Acta Pharm. Jugosl., Vol. 34, pp. 123-131, 1984, "QSAR Analysis of the Pharmacokinetics and Metabolism of Barbiturates". Baamhielm, C. et al., Chem.-Biol. Interactions, Vol. 58, pp. 277-288, 1986, "Quantitative Relationships Between Structure and Microsomal Oxidation Rate of 1.4-Dihydropyridines". Markin, R. S., et al., Pharmaceutical Research, Vol. 5, No.4, 1988, "Quantitative Structure-Activity Study on Human Pharmacokinetic Parameters of Benzodiazepines Using the Graph Theoretical Approach". Garcia-March, F. J., et al., J. Pharm. Pharmacol., Vol. 47, pp. 232236, 1995, "Correlation of Pharmacological Properties of a Group of β-Blocker Agents by Molecular Topology". Lombardo, F. et al., J. Med. Chem, Vol. 39, pp. 4750-4755, 1996, "Computation of Brain-Blood Partitioning of Organic Solutes via Free Energy Calculations". Palm, K. et al., J. Med. Chem, Vol. 41, pp. 5382-5392, 1998, "Evaluation of Dynamic Polar Molecular Surface Area as Predictor of Drug Absorption: Comparison with Other Computational and Experimental Predictors". Clark, D. E., Journal of Pharmaceutical Sciences, Vol. 88, No. 8, pp. 815821, August 1999, "Rapid Calculation of Polar Molecular Surface Area and Its Application to the Prediction of Transport Phenomena. 2. Prediction of BlooeBrain Barrier Penetration". van de Waterbeemd, H., et al., Quant. Struct-Act. Relat. Vol. 15, pp. 480-490, 1996, "Estimation of Caco-2 Cell Permeability Using Calculated Molecular Descriptors". Kato, R. et al. English Translation of Japanese Article: Mechanisms of Drug Metabolism and Changes in Efficacy and Toxicity, Tokyo-Kagaku-Dojin, Tokyo, chapter 4, 93-123 (1995) Bush, B. L., et al., Journal of ComputerAided Molecular Design, Vol. 7, pp. 587-619, 1993, "SampleDistance Partial Least Squares: PLS Optimized for Many Variables, With Application to CoMFA". Yee, S., Pharmaceutical Research, Vol. 14, No. 6, pp. 763-766 1997, "In Vitro Permeability Across Caco-2 Cells (Colonic) Can Predict In Vivo (Small Intestinal) Absorption in Man-Fact or Myth". **EXAMINER** DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with